

FIG. 1
(PRIOR ART)

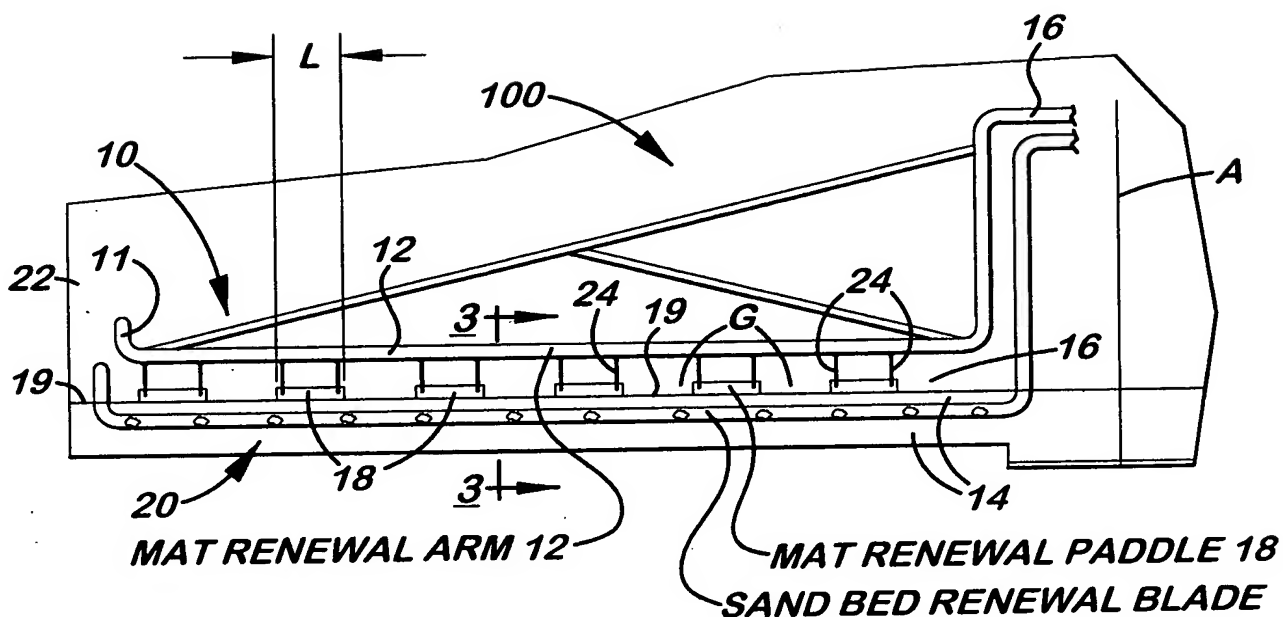


FIG. 2

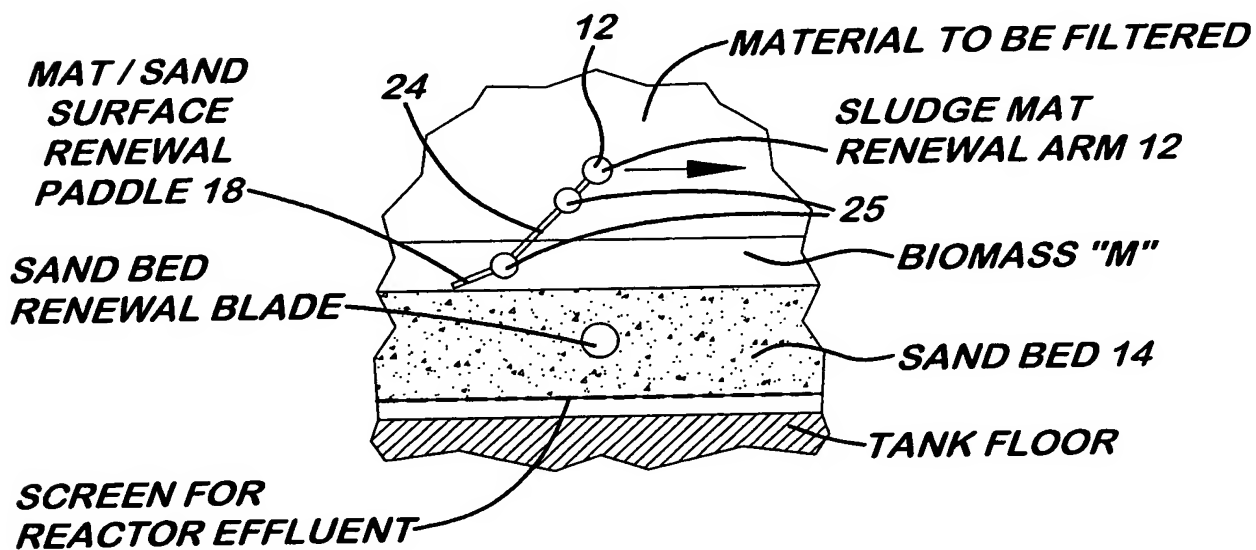
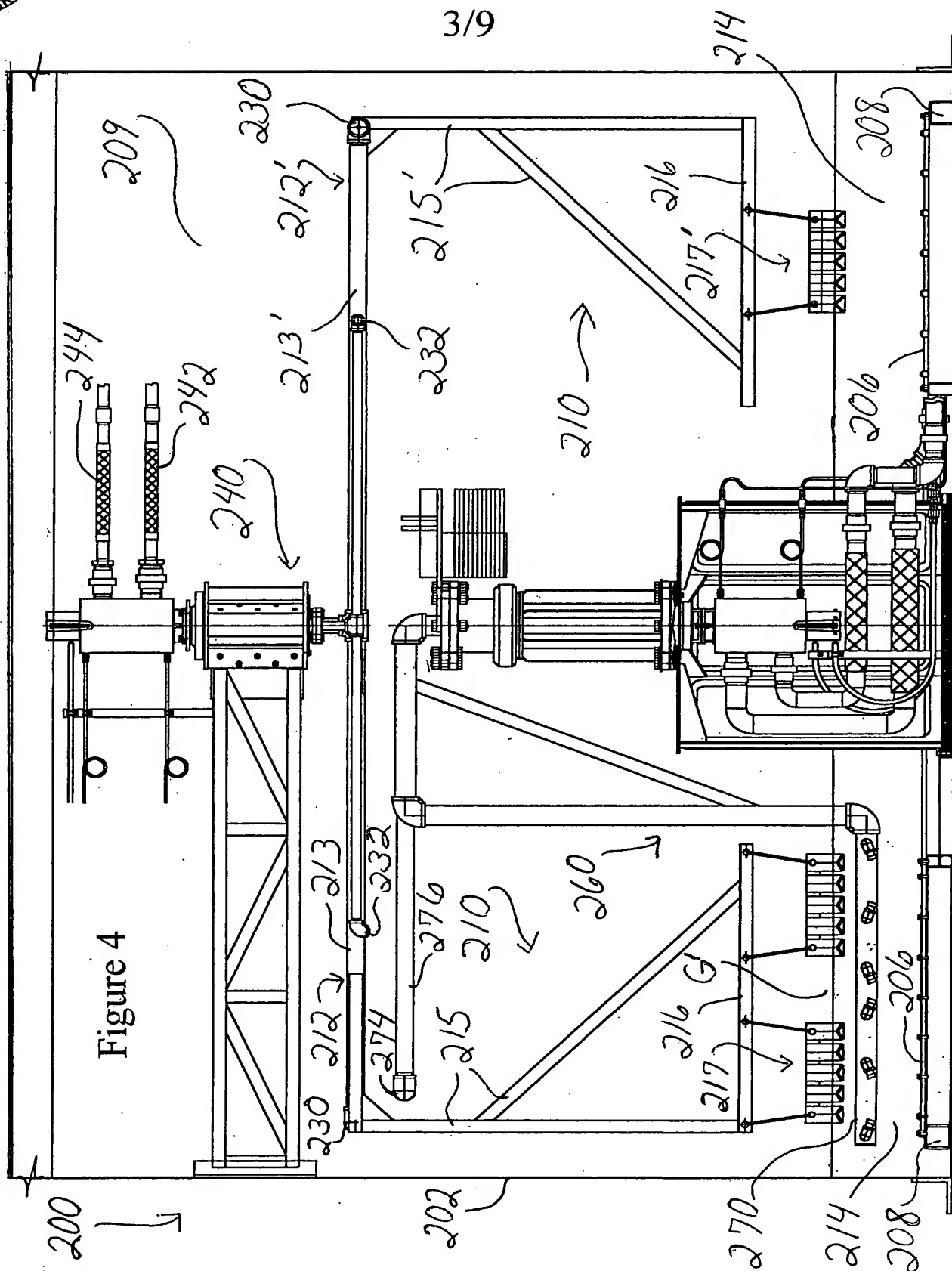


FIG. 3

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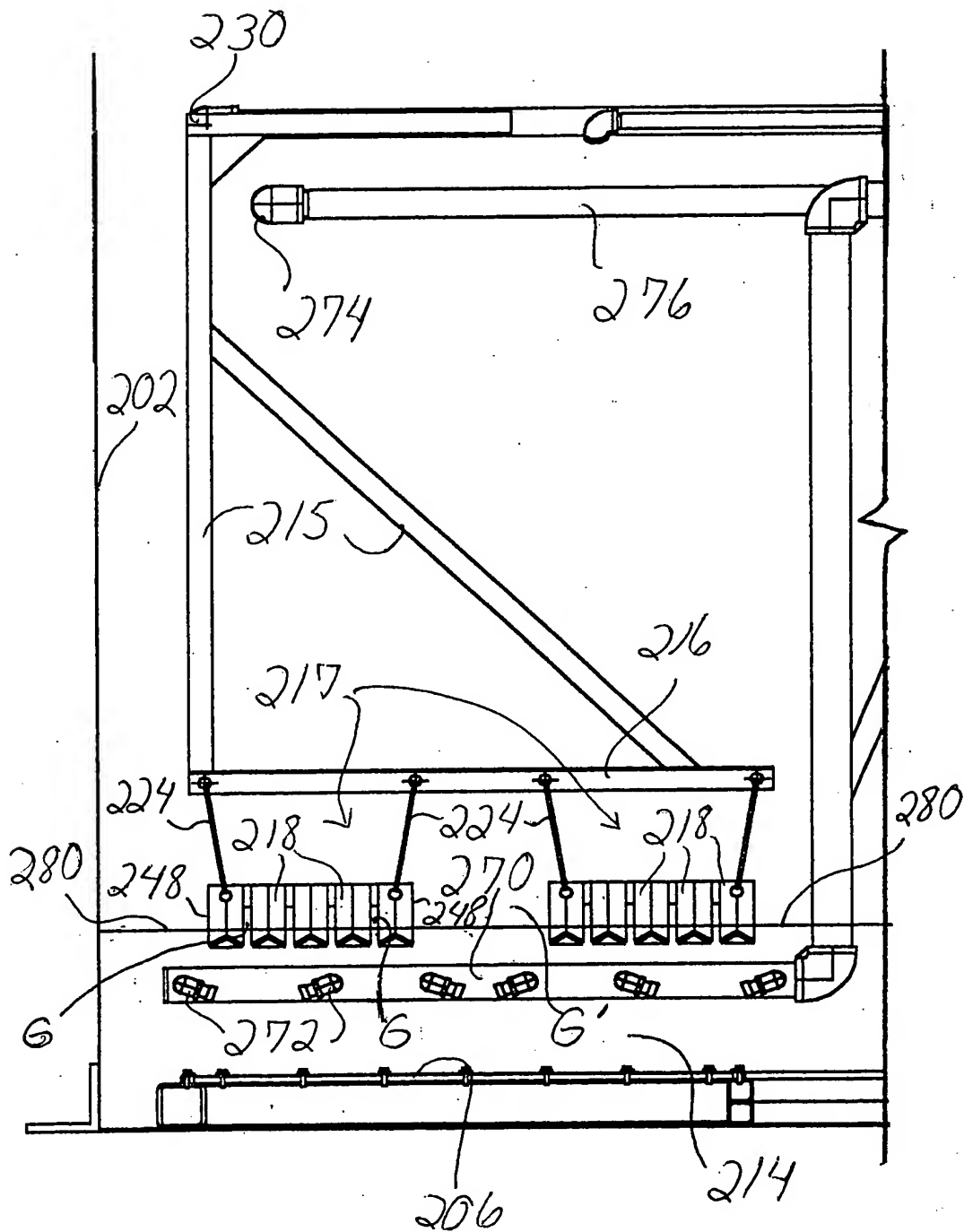


Figure 5

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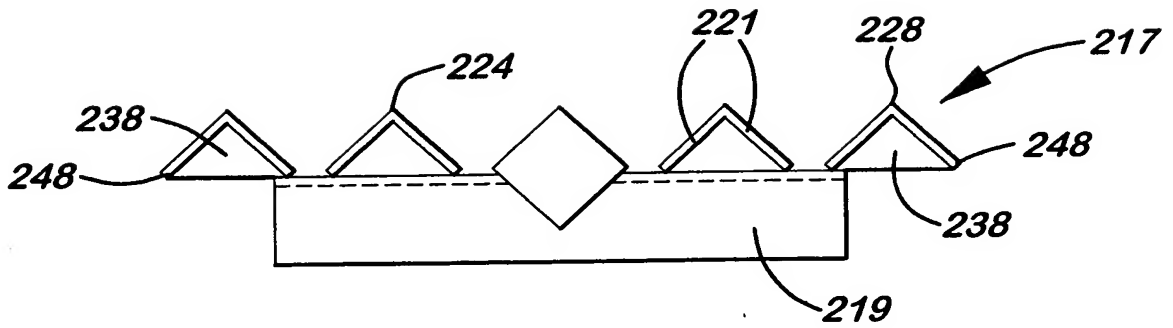


FIG. 7

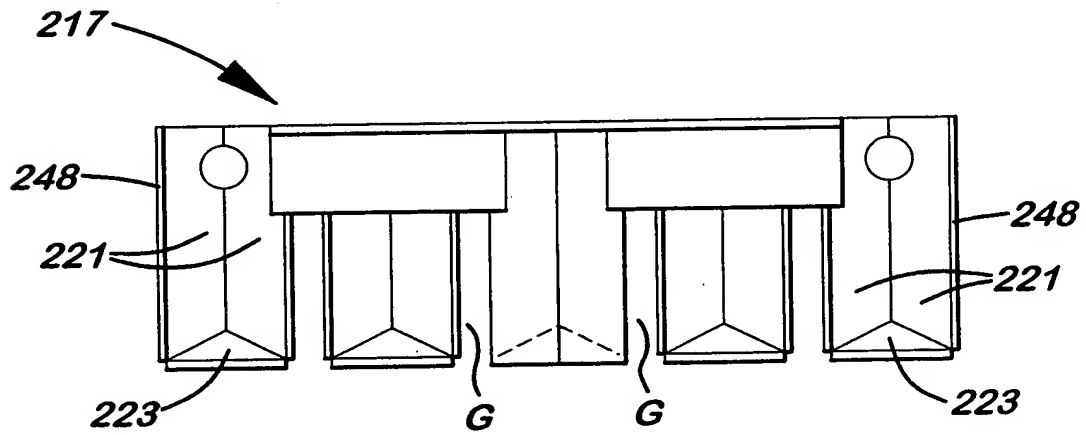


FIG. 6

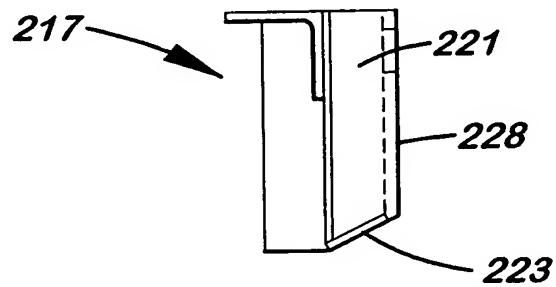
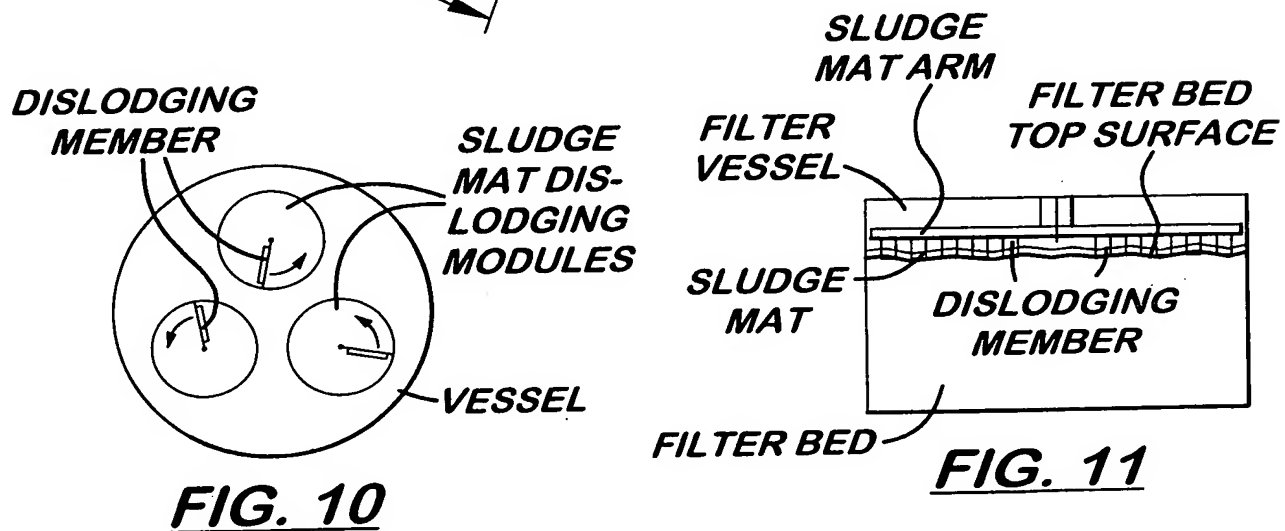
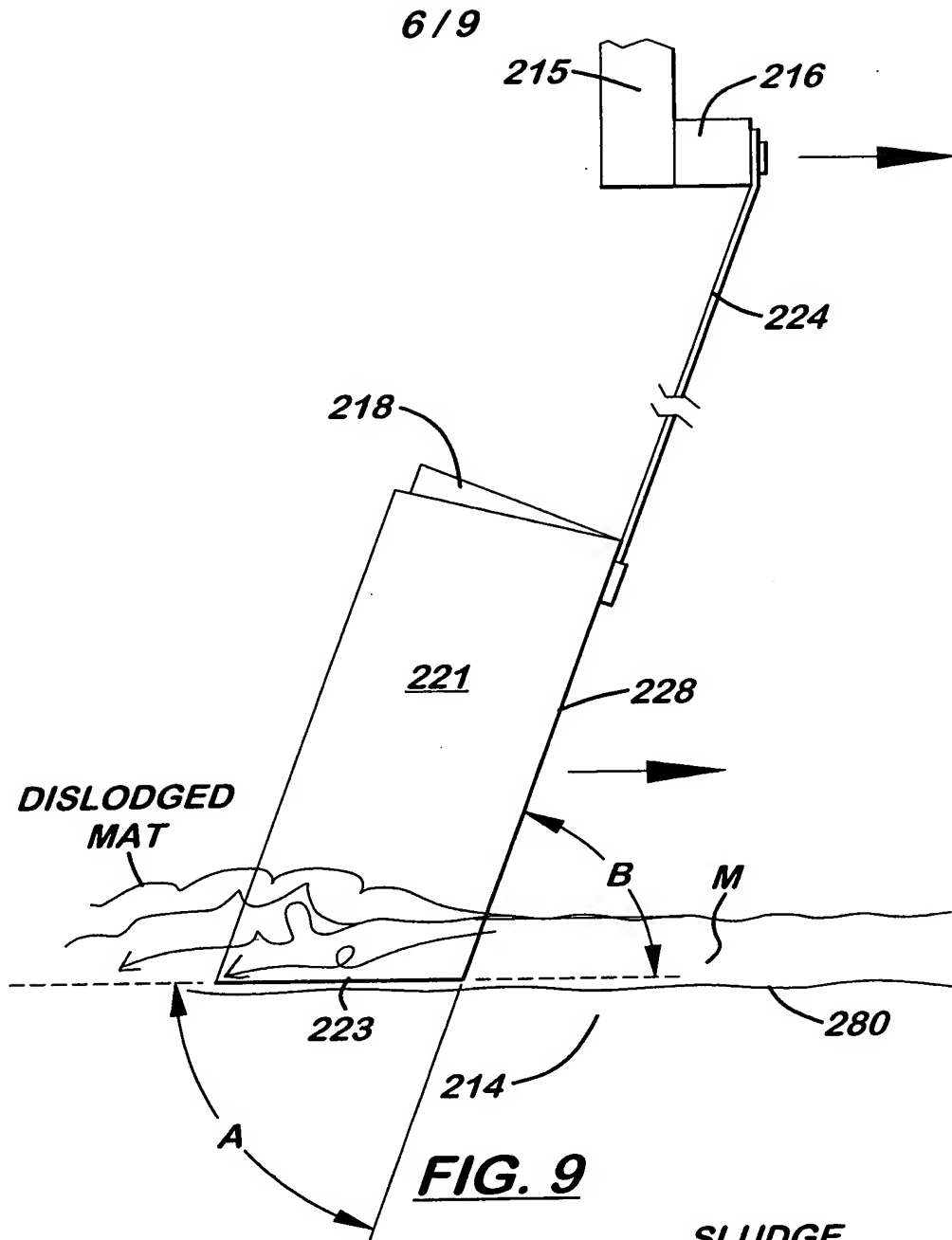


FIG. 8



A Comparison of Flow Performance with and w/o Rake Invention

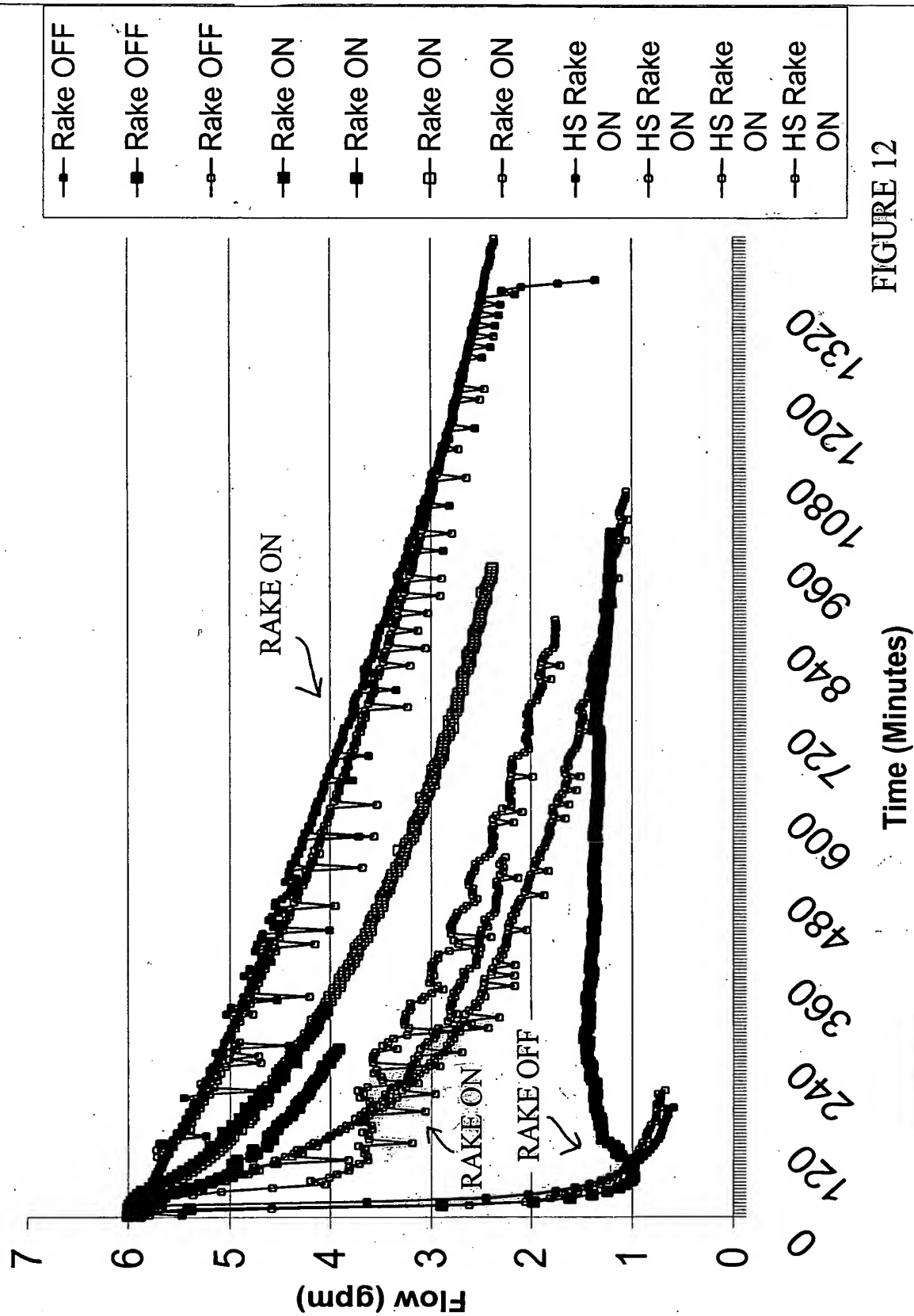
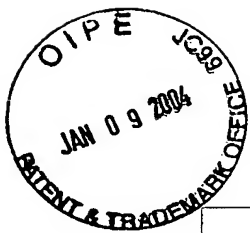


FIGURE 12



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A Comparison of Flow Performance with and w/o Rake Invention
(4 Hour Interval)

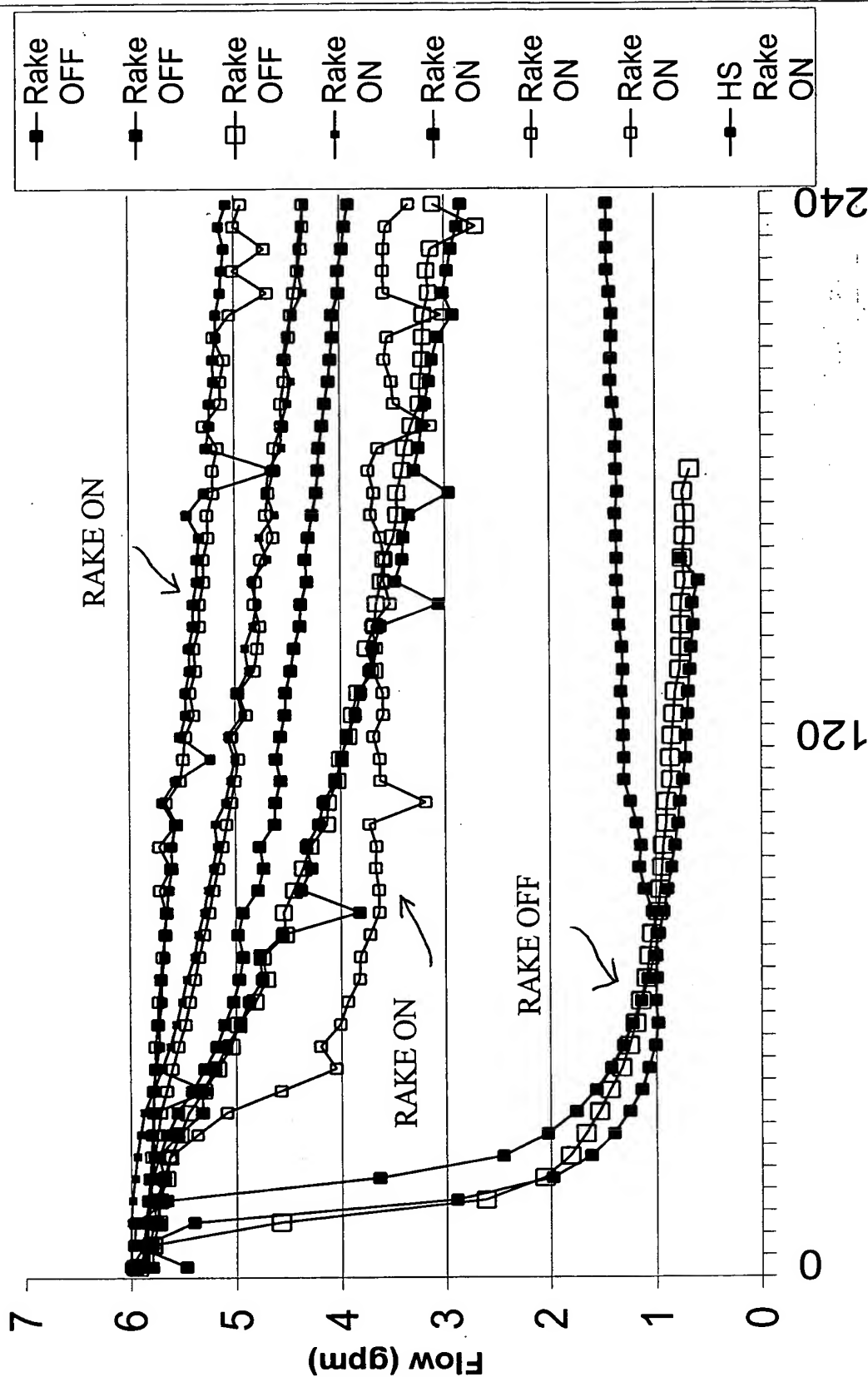


FIGURE 13

Continuous Operation @ Various Underdrain Capacities

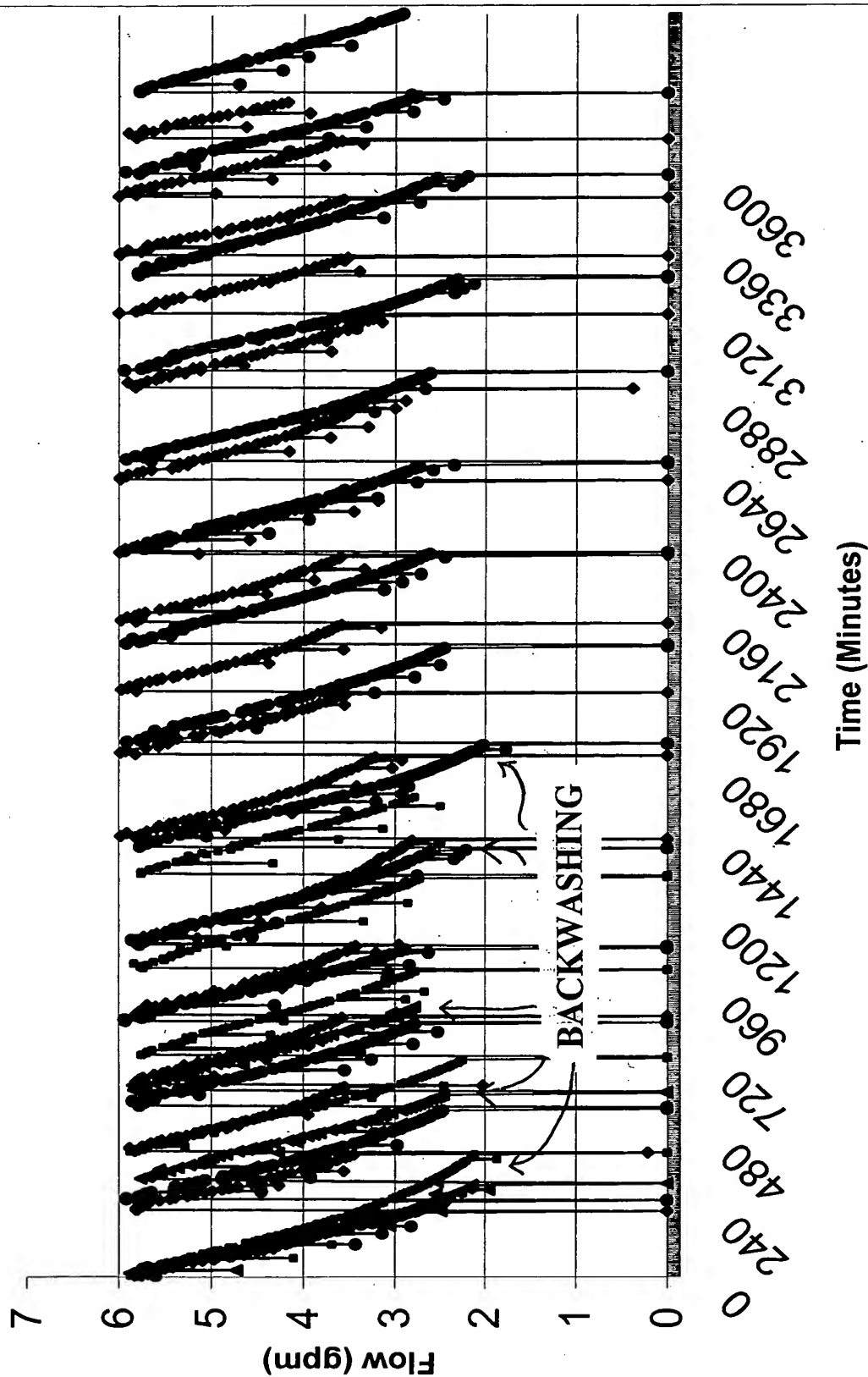


FIGURE 14

- 100% Open Underdrain
- 60% Open Underdrain
- 24% Open Underdrain